

Notice of Allowability	Application No.	Applicant(s)	
	09/702,788	VERGHESE, GILBERT	
	Examiner	Art Unit	
	Kelly L. Jerabek	2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 10/18/2005
2. ☒ The allowed claim(s) is/are 1, 5-15(renumbered as claims 2-12 respectively), 27-47 (renumbered as claims 32-52 respectively), 56-60 (renumbered as claims 13-17 respectively), and 61-63 (renumbered as claims 18-20 respectively).

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <p>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____</p> <p>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material</p> | <p>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>10/31/2005</u>.</p> <p>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</p> <p>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> <p>9. <input type="checkbox"/> Other _____.</p> |
|--|---|

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Isis Caulder on 10/31/2005.

The application has been amended as follows:

Please amend claim 1 as follows, " (v) at least one point on the tendon remaining fixed relative to the second rotation axis when said first shaft member rotates and said second shaft member is stationary, such that the first rotatable movement produced by the rotation of the first shaft member is independent of the second rotatable movement produced by the rotation of the second shaft member".

Please amend claim 27 as follows, " (III) at least one point on the tendon remaining fixed relative to the second rotation axis when said first shaft member rotates and said second shaft member is stationary, such that the first rotatable movement

Art Unit: 2612

produced by the rotation of the first shaft member is independent of the second rotatable movement produced by the rotation of the second shaft member".

Allowable Subject Matter

Claims 1, 5-15 (renumbered as claims 2-12 respectively), 16-26 (renumbered as claims 21-31 respectively), 27-47 (renumbered as claims 32-52 respectively), 56-60 (renumbered as claims 13-17 respectively), and 61-63 (renumbered as claims 18-20 respectively) are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record fails to anticipate or render obvious the following technical features as recited in the highlighted claims:

Re claims 1, 5-15 (renumbered as claims 2-12 respectively), 27-47 (renumbered as claims 32-52 respectively), 56-60 (renumbered as claims 13-17 respectively), and 61-63 (renumbered as claims 18-20 respectively), the prior art fails to teach or suggest, an image tracking system and method comprising: a support for holding an image capture device; a processing device for determining an object location value; and a position control device comprising: a base; a first motor; a second motor; said first motor comprising a first shaft member having a first shaft rotation axis longitudinally concentric with the first shaft member, and said second motor comprising a second shaft member

Art Unit: 2612

having a second shaft rotation axis longitudinally concentric with the second shaft member; a tendon for coupling the second shaft member to the second rotatable member; at least one point on the tendon remaining fixed relative to the second rotation axis when said first shaft member rotates and said second shaft member is stationary, such that the first rotatable movement produce by the rotation of the first shaft element is independent of the second rotatable movement produce by the rotation of the second shaft element.

Re claims 16-26 (renumbered as claims 21-31 respectively), the prior art fails to teach or suggest, an image tracking system and method comprising: a support for holding an image capture device; a processing device for determining an object location value; and a position control device comprising: a base; a first motor; a second motor; and a third rotatable member comprising the first support and a fourth rotatable member comprising the second support, said third and fourth rotatable members being mounted on the second rotatable member, at least one of said third and fourth rotatable members being rotably mounted to said second rotatable member; and a third motor mounted on the base for providing relative rotation between said third and said fourth rotatable members.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

Art Unit: 2612

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contacts

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelly L. Jerabek whose telephone number is (571) 272-7312. The examiner can normally be reached on Monday - Friday (8:00 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ngoc Yen Vu can be reached on (571) 272-7320. The fax phone number for submitting all Official communications is 703-872-9306. The fax phone number for submitting informal communications such as drafts, proposed amendments, etc., may be faxed directly to the Examiner at (571) 273-7312.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


NGOC-YEN VU
PRIMARY EXAMINER